

Converting Colors

Android(4294940449)

Have a look what the booklet for
Android(4294940449) contains.

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Color

Android(4294940449)

Conversions

Conversions Part 1

Format	Color
Hex	FF9721
RGB	255, 151, 33
RGB Percent	100%, 59%, 13%
CMY	0.0000, 0.4078, 0.8706
CMYK	0.00, 0.41, 0.87, 0.00
HSL	32°, 100%, 56%
HSV	32°, 87%, 100%
XYZ	52.5811, 43.5030, 7.0644
YIQ	168.6440, 99.8620, -14.6500

Conversions

Conversions Part 2

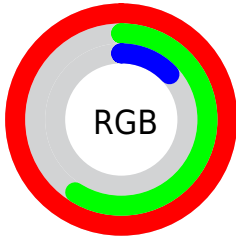
Format	Color
R_{YB}	229, 255, 33
Decimal	16750369
CIE _{Lab}	71.90, 31.60, 71.18
CIE _{LCh}	72, 77.876, 66.062
Yxy	43.5030, 0.5098, 0.4218
Android (android.graphics.Color)	4294940449 (0xFFFF9721)
YUV	168.6440, -66.8725, 75.7342
Hunter-Lab	65.9568, 26.8767, 39.8194

Details

The Android color **4294940449** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **4280388095**, and the grayscale version is **4289309097**.

A 20% lighter version of the original color is **4294954587**, and **4290798336** is the 20% darker color. If you saturate the color by 10%, you get **4294937352**, and if you desaturate by 10%, it is **4294943546**.

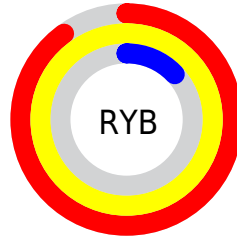
Distribution



Red (100%)

Green (59%)

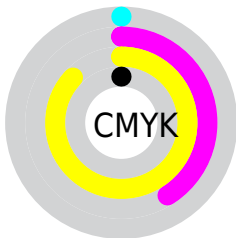
Blue (13%)



Red (90%)

Yellow (100%)

Blue (13%)

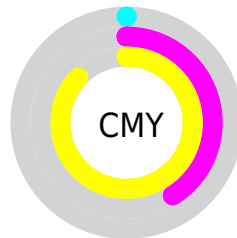


Cyan (0%)

Magenta (41%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294940449 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4294940449 by changing the saturation by 10% instead.



4294940449



4294940449

4294967295



4292836608



4294954587



4290798336



4294961783



4288760576



4294967186



4286722816



4294967215



4284816128



4294967243



4282908928



4294967272



4281270272



4278190080



4294940449



4294940449

4294937352

4294943546

4294936576

4294946644

4294949741

4294952839

4294955937

4294959034

4294962131

4294965229

4294967295

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294932576



4294940449



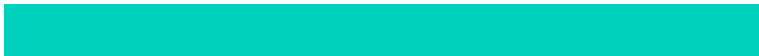
4291146240

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4294940449



4278243773



4291074047

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4294940449



4280388095

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278236415



4294940449



4278243327

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294940449



4278242675



4278241279



4294931947

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294940449



4288069139



4278241279



4288455167

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4294940449



4294959293



4294910348



4286606680



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294940449



4294936576



4294704929



4286610035



4290733568



4282393088

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4280388095



4278220799



4280623615



4285757824



4278213311



4278197824

Previews

White Background



This preview shows how the Android color 4294940449 looks on a white background.

Color Contrast Check

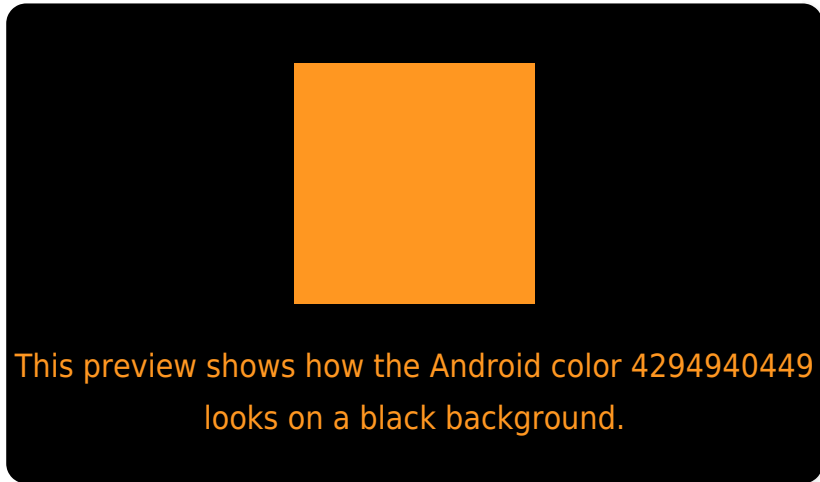
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4294940449 Background



This preview shows how black text looks on a background with the Android color 4294940449.



This preview shows how white text looks on a background with the Android color 4294940449.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
4294940449

Protanopia
4291277096

Deuteranopia
4292847381



Tritanopia
4294938777

Trichromacy



Original Color

4294940449

Protanomaly

4292585509

Deuteranomaly

4293632281

Tritanomaly

4294939501

Monochromacy



Original Color

4294940449

Achromatopsia

4289309097

Achromatomaly

4291338872

CSS Examples

Text

The CSS property to change the color of the text to Android 4294940449 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 151, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 33)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 151, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 33) }
```

Border

The CSS property to change the border of an element to Android 4294940449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 151, 33) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 151, 33) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 151, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4294940449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 33) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
151, 33) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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